GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA

UNSTARRED QUESTION NO:3364
ANSWERED ON:15.04.2008
SURVEY ON THE AFTER EFFECTS OF TSUNAMI
Athawale Shri Ramdas

Will the Minister of EARTH SCIENCES be pleased to state:

(a) whether any survey has been conducted by the Scientists of his Ministry on the after effects of Tsunami;

(b) if so, the details thereof;

(c) the funds provided for the purpose;

(d) whether any foreign assistance has been taken in this regard; and

(e) if so, the details thereof ?

Answer

MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF EARTH SCIENCES(SHRI KAPIL SIBAL)

(a) to (b) Yes, Sir. Integrated Coastal and Marine Area Management (ICMAM) under this ministry co-ordinated a Project 'Mapping of areas of inundation' immediately after the tsunami of 26th December 2004. Under this project a detailed field survey on extent of inundation, run up heights and coastal geomorphologic changes was done to assess the impact of tsunami in specific coastal areas of Tamil Nadu, Andhra Pradesh, Kerala and Andaman & Nicobar Islands. This study included Tsunami inundation mapping and critical area identification, water quality Studies in Tsunami Affected Areas, Post − Tsunami sediment characteristics. Satellite remote sensing data was used for generating the geomorphology and landuse maps and Real Time Kinematic − Global Positioning System (RTK-GPS) for capturing the elevation information. Above information were integrated in Geographic Information System (GIS) environment to generate maps and related statistics.

The Survey of India under the Dept. of Science and Technology also carried out Post Tsunami Geodetic Studies for ascertaining horizontal and vertical displacement of Andaman & Nicobar Islands. As a part of these Geodetic Survey operations, High Precision Leveling and GPS observations alongwith the gravity observations have been carried out.

(c) This study and surveys were conducted as a part of ongoing programmes, so no separate funds were provided for this purpose by this ministry.

(d) No, Sir.

(e) Doesn't arise.